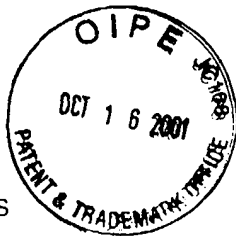


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In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1619~~ 1636

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
<u>DL</u>	AA-1	5,650,135	July 22, 1997	Contag et al.			
<u>DL</u>	AB-1	6,020,121	February 1, 2000	Bao et al.			
<u>DL</u>	AC-11	6,217,847	April 17, 2000	Contag et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	NO
<u>DL</u>	AD-1	WO 96/40979 A1	December 19, 1996	PCT				
<u>DL</u>	AE-1	WO 97/11690 A2,3	April 3, 1997	PCT				
<u>DL</u>	AF-1	WO 97/18841	May 29, 1997	PCT				
<u>DL</u>	AG-1	WO 97/40381 S1	October 30, 1997	PCT				
<u>DL</u>	AH-1	WO 99/14311	March 25, 1999	PCT				
<u>DL</u>	Ai-1	WO 00/36106	June 22, 2000	PCT				
<u>DL</u>	Aj-1	WO 01/18195 A2	March 15, 2001	PCT				
<u>DL</u>	Ak-1	WO 01/18225 A1	March 15, 2001	PCT				
<u>DL</u>	Al-1	WO 01/18195 A2	May 25, 2001	PCT				

Examiner:

David Lambertson

Date Considered:

11/10/03

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In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~4619~~ 1636

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

DS	AM-1	EP 0 639 641 A	February 22, 1995	EPO	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
DS	AN-1	Hahn, T., et al., "Construction and Analysis of Modified Tn4001 Conferring Chloramphenicol Resistance in <i>Mycoplasma Pneumoniae</i> ," <i>Plasmid</i> <u>41</u> :120-124 (1999)
DS	AO-1	Jacobs et al., "Highly Bioluminescent <i>Bacillus Subtilis</i> Obtained Through High-level Expression of a <i>luxAB</i> Fusion Gene," <i>Mol. Gen. Genet</i> <u>230</u> :251-256 (1991)
DS	AP-1	Phillips-Jones, M.K. "Bioluminescence ( <i>lux</i> ) Expression in the Anaerobe <i>Clostridium Perfringens</i> ," <i>FEMS Microbiology Letters</i> <u>106</u> :265-270 (1993)
DS	AQ-1	Loimaranta, et al., "Generation of Bioluminescent <i>Streptococcus</i> mutans and Its Usage in Rapid Analysis of the Efficacy of Antimicrobial Compounds" <i>Antimicrobial Agents and Chemotherapy</i> <u>42</u> (8):1906-1910 (1998)
DS	AR-1	Meighen, E.A., "Bacterial Bioluminescence: Organization, Regulation, and Application of the <i>lux</i> Genes," <i>BASEB Journal</i> <u>7</u> (11):1016-1022 (1993)
DS	AS-1	O'Connell, K.P., et al., "Identification of Cold Shock Gene Loci in <i>Sinorhizobium melilot</i> by Using a <i>luxAB</i> Reporter Transposon," <i>Appl. Environ. Microbiol.</i> <u>66</u> (1):401-405 (2000)
DS	AT-1	Roy, G., et al., "Episomal and Stable Expression of the Luciferase Reporter Gene for Quantifying <i>Leishmania</i> SPP. Infections in Macrophages and in Animal Models," <i>Molecular and Biochemical Parasitology</i> <u>110</u> :195-206 (2000)

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David Lambertson

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In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~4610~~-1634

Filed: July 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

Exam. Init.	Ref. Desig.	Description
DF	AU-1	Sibakov, M., et al., "Secretion of TEM $\beta$ -Lactamase with Signal Sequences Isolated from the Chromosome of <i>Lactococcus lactis</i> subsp. <i>lactis</i> ," <i>Appl. Environ. Microbiology</i> <u>57</u> (2):341-348 (1991)
DF	AV-1	Sohaskey et al., "Construction and Application of Plasmid-and Transposon-Based Promoter-Probe Vectors for <i>Streptomyces</i> ssp. That Employ a <i>Vibrio harveyi</i> Luciferase Reporter Cassette," <i>Journal of Bacteriology</i> <u>174</u> (2):367-376 (1992)
DF	AW-1	Steidler, et al., "The Expression of <i>Photinus pyralis</i> Luciferase Gene in <i>Staphylococcus aureus</i> Cowan I allows the Development of a Live Amplifiable Tool for Immunodetection" <i>Applied and Environmental Microbiology</i> <u>62</u> (7):2356-2359 (1996)
DF	AX-1	Steinmann, et al., "Saturation Mutagenesis in <i>Escherichia coli</i> of a Cloned <i>Xanthomonas campestris</i> DNA Fragment with the <i>lux</i> Transposon Tn4431 Using the Delivery Plasmid pDS1, Thermosensitive in Replication," <i>Appl. Microbiol. Biotechnol.</i> <u>40</u> :356-360 (1993)
DF	AY-1	Ulitzur, S., J. "Established Technologies and New Approaches in Applying Luminous Bacteria for Analytical Purposes," <i>Biolumin Chemilumin.</i> <u>12</u> :179-92 (1997)
DF	AZ-1	Zhang et al., "Bioluminescence for Biological Sensing in Living Mammals," <i>Oxygen Transport to Tissue XXI</i> , edited by Eke and Delpy. Kluwer Academic/Plenum Publishers, New York, (1999)

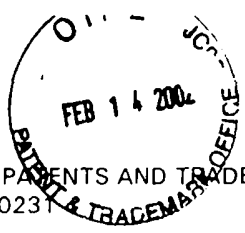
Examiner:

David Lambertson

Date Considered:

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In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1019~~ 1634

Filed: July 21, 2001

Examiner: Kimberly White D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
DL	AA-2	5,900,362	May 4, 1999	Eberz et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
DL	AB-2	EP 1 016 419	July 5, 2000	EPO			
DL	AC-2	FR 2 693 475 A	January 14, 1994	France			X

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Exam. Init.	Ref. Desig.	Description
DL	AD-2	Francis et al., "Monitoring Bioluminescent Staphylococcus Aureus Infections in Living Mice Using a Novel LuxABCDE Construct," <i>Infection and Immunity</i> 68(6):3594-3600 (2000)
DL	AE-2	Kozlowski et al., "Vectors Permitting Visual Monitoring of Simple Transposition Events," <i>Gene</i> 80(2):217-225 (1989)
DL	AF-2	Lunsford, Dwayne R., "A Tn4001 Delivery System for Streptococcus Gordonii," <i>Plasmid</i> 33(2):153-157 (1995)

Examiner: David Lambertson

Date Considered: 11/10/03

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Serial No.: 09/888,049

Art Unit: ~~1019~~ 1634

Filed: June 21, 2001

Examiner: ~~Unassigned~~ D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

U.S. PATENT DOCUMENTS

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	AA-2						

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES	NO
<i>DS</i>	AB-2	WO 90/04041	April 19, 1990	PCT				
<i>DS</i>	AC-2	WO 93/16172	August 19, 1993	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
<i>DS</i>	AD-2	Bianchi et al., "Stress Responses as a Tool to Detect and Characterize the Mode of Action of Antibacterial Agents," <i>Applied and Environmental Microbiology</i> 65(11):5023-5027 (1999)
	AE-2	Francis et al., "Monitoring Bioluminescent <i>Staphylococcus aureus</i> Infections in Living Mice Using a Novel <i>lux</i> ABCDE Construct," <i>Infection and Immunity</i> 68(6):3594-3600 (2000)

Examiner:

*David Lambertson*

Date Considered:

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In the Application of FRANCIS et al.

Serial No.: 09/888,049

Art Unit: ~~1619~~ 1634

Filed: June 21, 2001

Examiner: Unassigned D. LAMBERTSON

Title: COMPOSITIONS AND METHODS FOR USE THEREOF IN MODIFYING THE GENOMES OF MICROORGANISMS

Exam. Init.	Ref. Desig.	Description
DS	AF-2	Lingnau et al., "Expression of the <i>Listeria Monocytogenes</i> EGD <i>inlA</i> and <i>inlB</i> Genes, Whose Products Mediate Bacterial Entry into Tissue Culture Cell Lines, by PrfA-Dependent and -Independent Mechanisms," <i>Infection and Immunity</i> <u>63</u> (10):3896-3903 (1995)
DS	AG-2	Loessner et al., "Structural Proteins and DNA Characteristics of 14 <i>Listeria</i> Typing Bacteriophages," <i>Journal of General Virology</i> <u>75</u> :701-710 (1994)
DS	AH-2	Loessner and Scherer, "Organization and Transcriptional Analysis of the <i>Listeria</i> Phage A511 Late Gene Region Comprising the Major Capsid and Tail Sheath Protein Genes <i>cps</i> and <i>tsh</i> ," <i>Journal of Bacteriology</i> <u>177</u> (22):6601-6609 (1995)

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